

The simplest and most economical underground solution for retaining and/or infiltrating stormwater.

This modular block system, assembled on-site, can hold more than 96% of its actual volume in water – 40% more than gravel storage solutions. EZstorm offers various applications, including detention, retention, reuse, and water infiltration.

Very large storage capacity	Superior structural strength	Reduced footprint and excavation volume	Easy installation	100% inspectable
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Up to

125%

more storage than pipe

Up to

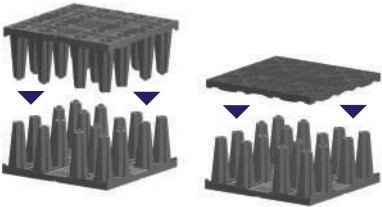
40%

more storage than chamber

Up to

20T

per axle



Modular installation adaptable to all types of terrain, offering numerous configuration options:

- Customizable
- Flexible geometry for irregularly shaped grounds

Advantages

- The Ultra Lightweight Geocellular Structure (ULGS) offers a 96% void ratio, reducing footprint and excavation volumes.
- With custom installations and adaptable geometry, all configurations are achievable using EZstorm modules.
- The polypropylene structure can support CL-625, H-25, or HS-20 loads (up to 20 tons per axle under specific conditions).
- Thanks to its high structural capacity, EZstorm can be installed at depths up to 5 m with a maximum backfill of 4 m, under specified conditions.
- The EZstorm system is compatible with pipes of various diameters up to 24 inches.
- EZstorm half-blocks provide a solution for low coverage applications and allow structural height adjustment in combination with full blocks.
- 100% inspectable in all directions and easy to maintain.
- Requires few accessories.

SUPERIOR MECHANICAL STRENGTH

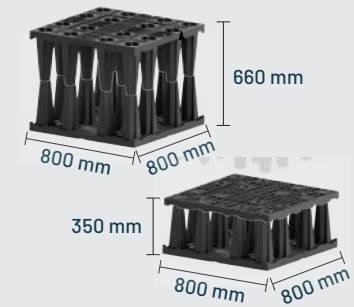
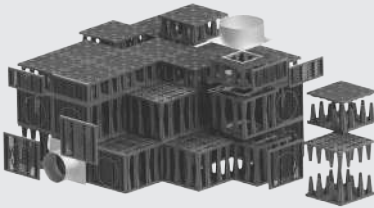
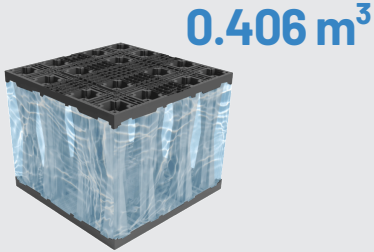
Suitable for installation under light or heavy roadways, it offers a wide range of applications, such as:

- Roads;
- Parking lots;
- Bike paths;
- Pedestrian walkways;
- Gardens;
- Parks.

Up to

35%

reduction in excavation volume



Zero Real Estate Impact

The ideal solution for maximizing space in high-value commercial and urban projects.

Quick and Easy Installation, with Less Labor Required

Simplified on-site assembly

Up to 88% reduction in required installation space compared to conventional systems

Easy handling on-site: one excavator can move up to 34 blocks.

Two half-blocks are assembled to form a complete EZstorm unit. Half-blocks are lightweight and can be moved by one person.

Pallets can be stored in the excavated area nearby during block assembly.

Inspection and Maintenance

The EZstorm system is designed to simplify inspection and cleaning operations from the ground surface. It is fully inspectable, providing complete visibility in all directions.

Maintenance

EZstorm tanks can be cleaned and rinsed using a high-pressure sewer cleaning device. The entire cleaning process can be completed from the ground surface, with no need for entry into the basin.

Inspection

EZstorm blocks are designed with cross tunnels for easy basin inspection. Camera inspections and hydro-jetting cleaning can be performed in two directions and multiple access points.



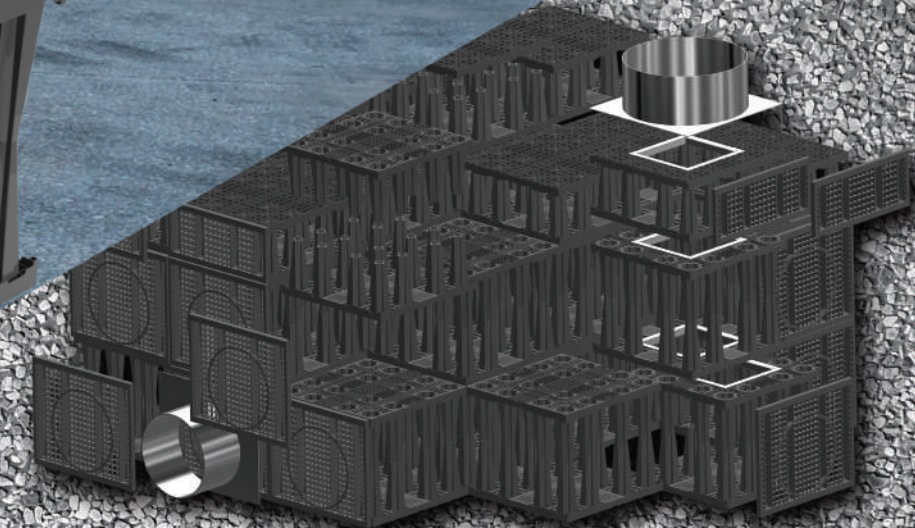
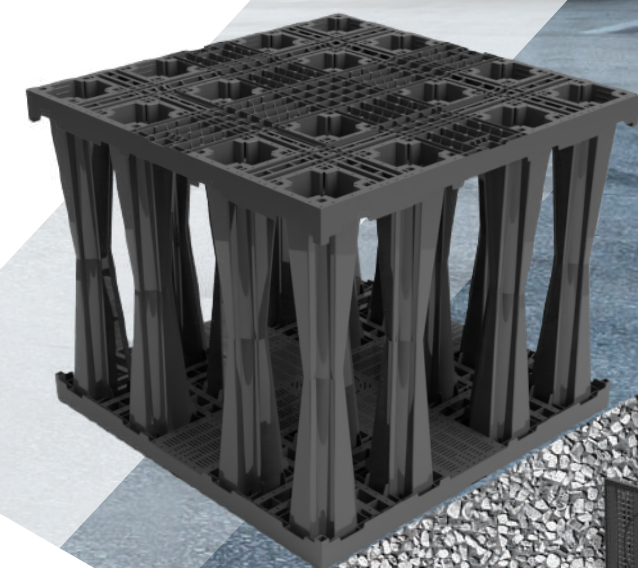
RETHINKING WATER MANAGEMENT

NEXT

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STORMWATER MANAGEMENT

EZSTORM™
UNDERGROUND
SYSTEM



Rev. 0005 2025.09.05

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